

	HEAT	TEMP	THERMAL ENERGY
DEFINITION	Energy transferred btw 2 objects of diff. temp	Average speed of all moving particles in material (energy in) motion	Total Kinetic energy of all particles
COMPARISON	An object can't contain <u>heat</u> it contains thermal energy When heat flows into object it ↑ thermal energy ∴ temp.	Higher temp = particles moving faster (farther apart) Lower temp = particles moving more slow (closer together)	More molecules = more thermal ener. More temperature = more thermal energy